

(12)

F. D. R - 2020 - 2021

MBNI-1407

Schedule XLV-Form No. 134

પોસ્ટલ કુશાલતા કેન્દ્રોમાંથી પાંચ લે ફોર્મ નં ૫૫
મં મુદતમાંથી રૂબરૂ

DIVISION

SUB-DIVISION

Measurement Book

પ્રમાણિત રિપોર્ટ આપી દે છે કે
 માપી રૂબરૂ મેં કુલ 50 (પચાસ)
 મમ્મલો સે પલ્લીડિયા પલ્લ રૂબરૂ
 માં રિપોર્ટ કરી પલ્લીડિયા પલ્લ (10
 આ માં કુલ 10 કુલ માં
 પ્રકાર નિર્મલો કે માં છે નિર્મલો
 રિપોર્ટ આપી દે છે

16/8
 Executive Engineer
 BWD Works Division

16/8
 16/8

Sch. XLV-Form No. 134

_____ DIVISION
 _____ SUB-DIVISION

Measurement Book

No. 1407

Name of Officer _____

Date of first entry _____

1.

Name of work -

Situation of work -

Agency by which work is executed -

Date of measurement -

No. and date of agreement.

(These four lines should be repeated at the commencement of the measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Restoration of road					
from-Koshi Bareth to Kunauli.					
(FDR Year - 2020-21)					
Agency- Departmental					
Authority - E.S. Road Works Division					
Superal.					
Date of Measurement:- 01.09.2020					
1. Laying Brick Bat in					
Damage Portion.					
Ch. 230 m					
	1X 14.5m	5m	0.3m	=	21.750m ³
Ch. 268 m					
	1X 7.5m	4.3m	0.8m	=	3.675m ³
Ch. 300m					
	1X 6m	4.5m	0.4m	=	10.800m ³
Ch. 313 m					
	1X 5m	4m	0.2m	=	4.000m ³
	1X 3.5m	2.5m	0.2m	=	1.750m ³
Ch. 328 m					
	1X 88m	4.67m			
	1X 88m	(4.5+5+4.5)			
		3			
					164.384m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ch. 430 m					
					$1 \times 6.5 \text{ m} \times 4.5 \text{ m} \times 0.3 \text{ m} = 8.775 \text{ m}^3$
Ch. 466 m					
					$1 \times 29 \text{ m} \times 5.3 \text{ m} \times 0.2 \text{ m} = 30.740 \text{ m}^3$
Ch. 501 m					
					$1 \times 10 \text{ m} \times 5 \text{ m} \times 1.2 \text{ m} = 60.000 \text{ m}^3$
Ch. 544 m					
					$1 \times 18 \text{ m} \times 5 \text{ m} \times \left(\frac{0.6 + 0.3}{2} \right) \text{ m} = 27.000 \text{ m}^3$
Ch. 589 m					
					$1 \times 6 \text{ m} \times 3.5 \text{ m} \times 0.3 \text{ m} = 6.300 \text{ m}^3$
Ch. 631 m					
					$1 \times 13 \text{ m} \times 4.5 \text{ m} \times 0.15 \text{ m} = 8.775 \text{ m}^3$
					$1 \times 4.5 \text{ m} \times 4.5 \text{ m} \times 0.15 \text{ m} = 3.038 \text{ m}^3$
Ch. 679 m					
					$1 \times 18 \text{ m} \times 5 \text{ m} \times 0.2 \text{ m} = 18.000 \text{ m}^3$
Ch. 732 m					
					$1 \times 5 \text{ m} \times 3.5 \text{ m} \times 0.2 \text{ m} = 3.500 \text{ m}^3$
Ch. 749 m					
					$1 \times 6 \text{ m} \times 5 \text{ m} \times 0.4 \text{ m} = 12.000 \text{ m}^3$
Ch. 765 m					
					$1 \times 30.5 \text{ m} \times \left(\frac{6.5 + 5.0}{2} \right) \text{ m} \times 0.3 \text{ m} = 52.613 \text{ m}^3$
Ch. 810 m					
					$1 \times 9 \text{ m} \times 3 \text{ m} \times 0.15 \text{ m} = 4.050 \text{ m}^3$
Ch. 1150 m					
					$1 \times 33 \text{ m} \times \left(\frac{3.5 + 4 + 4.5}{3} \right) \text{ m} \times \left(\frac{0.6 + 0.2}{2} \right) \text{ m} = 39.600 \text{ m}^3$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Ch. 1320m					
		1x5m	5m	0.3m	= 7.500m ³
Ch. 1342m					
		1x4m	4m	0.3m	= 49.200m ³
				Total =	543.449m ³
2. Labour for cutting 62mm to 75mm dia bamboo piles to size and making Shoes and driving etc - - - - -					
With all complete Job.					
Ch. 501m					
	17	No8	1.25m	2	21.250m
3. Labour for fitting and fixing 75 mm dia bamboo runners in position at every vertical pole with 150mm long nails swg G.I wire including cost of G.I wire or nails - - - - - etc					
With all complete Job.					
Ch. 501m					
	5	No8	10m	=	50.00m
4. Supply of Bamboo at site.					
Bamboo piling 1.25 x 3.0m + Length of runner					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

+ Area of Chachery in

1.413

$$\left(\frac{21.250}{1.25} \times 3.0 \right) m + 50m + \frac{0}{1.413} m$$

51m + 50m + 0

= 101m

 $\therefore \text{Nos of Bamboo} = \frac{101}{6} = 16.83$

Say = 17 Nos.

7. Labour Filling empty Cement bags with local sand.

Stitching the bag and placing including supply of Suli & C bags etc all complete Job.

Ch. 501m

Total nos of bag = 350.00

Total (inv. Nos) = 3.50

01.09.2020

J-E

01/09/20
J-E

2/9

Continuation

Inspection Report for Flood Damage Work

Date :

1. Name of PIUs :- E.E. RWD, Works Division Supaul.
2. Name of Block/Road :- Nirmali / Koshi Bandh to Kunauli

A. For Road

1. Damage Location/Chainage : Ch. 230m, 268m, 300m, 313m, 328m, 430m, 466m, 501m, 544m, 589m, 631m, 679m, 732m, 749m, 765m, 810m, 1150m, 1320m, 1342m.
2. Damage Length : 359m
3. Nature of Damage : Due to Flood
4. Datils of Restoration Works :
 - i. Manterial being used in Restoration work : Bamboo, EC Bag filling with Local sand, Brick Bats.
 - ii. Equipments/Tools being used in Restoration work : JCB, Tractor, Roller.
 - iii. Procedure taken up in Restoration work : Felling
 - iv. Restored Length : 359m

B. For Bridge

5. Damage Location/Chainage :
6. Damage Length :
7. Nature of Damage : N/A
8. Datils of Restoration Works :
 - i. Manterial being used in Restoration work :
 - ii. Equipments/Tools being used in Restoration work :
 - iii. Procedure taken up in Restoration work :
 - iv. Restored Length :

 30.11.20
J.E.
Signature of JE/AE/EE

 30/11/20
J.E.
30.11.20

 30/11/20
Signature

(Name of Inspector)
Executive Engineer
Rural Works Department
Work Division, Birpur